Index of Claims

| Application No. | Applicant(s)  | _ |
|-----------------|---------------|---|
| 10/626,538      | RICKEY ET AL. |   |
| Examiner        | Art Unit      |   |
| Retford Berko   | 1615          |   |

| <b>√</b> | Rejected |  |
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| =        | Allowed  |  |

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| Cla          | aim      | Date                                |  |          |          |          |  |  | Claim Date                                       |          |   |              |          |              |          |               | :[   | Cla      | im                                      | Date     |           |   |       |            |          |                 |               |           |          |          |                 |               |                 |
|--------------|----------|-------------------------------------|--|----------|----------|----------|--|--|--|----------|---|--------------|----------|--------------|----------|---------------|--|----------|---|----------|-----------|---|-------|------------|----------|-----------------|---------------|-----------|----------|----------|-----------------|---------------|-----------------|
|              |          |                                     |  |          |          |          |  |  |  |          |   |              | <u> </u> |              |          |               | T  | T        |   |          |           |   |       | <u></u>    |          |                 | -             |           |          |          |                 |               |                 |
| Final        | Original |                                     |  |          |          |          |  |  |  |          |   | Final        | Original |              | - 1      |               |  |          |   |          |           |   | Final | Original   | i        |                 |               |           |          |          |                 |               |                 |
| 這            | ij       |                                     |  |          |          |          |  |  |  |          |   | ίΞ           | Ĭ        |              | 1        |               |  |          |   |          |           |   | ᄪᅵ    | Ä          |          |                 |               |           | ļ        |          |                 |               |                 |
|              |          |                                     |  |          | Ĺ        |          |  |  |  |          |   |              |          |              | _        | _             | 1  | <u> </u> |   | _        | 4         |   |       |            |          | $\dashv$        | _             | _         |          |          | $\dashv$        | $\dashv$      |                 |
| V            | _1_      |                                     |  |          |          |          |  | _  |  |          |   |              | 51       | $\sqcup$     | _        | _ _           | _  | _        | $\sqcup$                                |          | _         |   |       | 101        | _        | _               | _             | _         |          | _        | 4               | -             |                 |
|              | 2        | <u> </u>                            |  |          | _        |          |  | <u> </u>   |  |          |   |              | 52       | $\sqcup$     | 4        | _             | -  | _        |   |          | 4         | 1 |       | 102        | _        | _               | _             |           |          |          | $\dashv$        |               |                 |
| V            | 3        |                                     |  |          | _        |          |  |  |  |          |   |              | 53       | H            | _        |               | 4-   | <u> </u> | $\vdash$                                | -        | 4         | 1 |       | 103        |          | 4               |               |           |          |          | $\dashv$        |               | $\dashv$        |
| V            | 4        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |          |          | _        | <u> </u>   |  |  |          |   |              | 54       | <del>-</del> |          | +             | +  | -        |   |          | -         | ŀ |       | 104        |          | $\dashv$        | -             | $\dashv$  | $\dashv$ | $\dashv$ | -+              | $\dashv$      | ᅱ               |
| 1            | 5        | $\vdash$                            | _  | _        |          | _        |  | _  |  | <u> </u> |   |              | 55       |              | +        | +             | ╄  | +-       | -                                       |          | -         | ŀ |       | 105<br>106 | $\dashv$ | $\dashv$        |               |           | +        |          | $\dashv$        |               | $\dashv$        |
| $\vdash$     | 6        | -                                   |  | <u> </u> | _        | -        | H  | H  |  |          |   |              | 56<br>57 | $\vdash$     | +        | $\dashv$      |  | ļ        | H                                       |          | -         | - |       | 107        | $\dashv$ | $\dashv$        | -+            | $\dashv$  | -        |          | $\dashv$        |               | $\dashv$        |
| $\vdash$     | 7<br>8   |                                     | _  |          | ┝        |          |  |  |  |          |   |              | 58       | ┝┯┼          | -+       | +             | ╁  | +-       | -                                       | +        | -         | ŀ |       | 108        | $\dashv$ | ╛               | -+            |           | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$      | -               |
| $\vdash$     | 9        | $\vdash$                            |  | ├        |          |          |  | $\vdash$   |  | ┢        |   |              | 59       |              | +        |               | +  | $\vdash$ | $\vdash$                                |          | -         | ŀ |       | 109        | $\dashv$ | -+              | $\dashv$      | $\dashv$  |          | $\neg$   | $\dashv$        | $\dashv$      |                 |
| +            | 10       | H                                   |  |          | ┢        | $\vdash$ |  | -  |  | $\vdash$ |   |              | 60       | $\vdash$     | -+       | +             | +  | -        | +-+                                     | +        | -         | ł |       | 110        |          | $\dashv$        | 十             |           | 1        | 一        | -               | $\neg$        | $\dashv$        |
| +            | 11       | H                                   |  | ┝        | ┢        |          |  |  | $\vdash$   | ├        |   |              | 61       | 1-1          | +        | +             | +-   | +        | $\vdash$                                | $\dashv$ | -         | 1 |       | 111        | $\dashv$ | -               | $\dashv$      | 一         |          |          | $\dashv$        | 寸             | -1              |
| $\vdash$     | 12       |                                     |  |          | H        |          |  |  | $\vdash$   |          |   |              | 62       |              | $\dashv$ |               | $\top$   | t        | H                                       | $\top$   | 1         | ŀ |       | 112        | $\neg$   | _               | $\dashv$      | 7         | _        | $\neg$   | $\dashv$        |               | $\dashv$        |
| $\vdash$     | 13       | $\vdash$                            |  | <u> </u> |          | T        | <del>                                     </del> | <u> </u>   |  | H        |   |              | 63       |              |          | $\top$        | $\top$   | 1        | П                                       | -        | 7         | t |       | 113        | $\Box$   | -               | $\dashv$      | T         | _        | $\dashv$ | $\dashv$        | $\neg$        | $\neg$          |
|              | 14       |                                     | <del>                                     </del> |          |          |          |  |  |  | Г        |   |              | 64       |              |          |               |  |          |   |          | 7         | Ī |       | 114        |          |                 |               |           |          |          | 丁               |               |                 |
|              | 15       |                                     |  |          |          | Г        | 1  | ļ  |  |          |   | -            | 65       |              |          |               |  |          |   |          |           | ſ |       | 115        |          |                 |               |           |          |          |                 |               |                 |
|              | 16       | Ι ΄                                 | Г  |          | Г        | Π        | · ·  |  | _  |          |   |              | 66       |              |          |               | $\mathbf{I}_{-}$   |          |   |          |           | Ţ |       | 116        |          |                 |               |           | $\Box$   |          |                 |               |                 |
| V            | 17       |                                     |  |          |          |          |  |  |  |          |   |              | 67       |              |          | 1             | $oldsymbol{ol}}}}}}}}}}}}$ |          |   | $\perp$  |           | Ī |       | 117        |          |                 | $\Box$        |           |          |          |                 |               |                 |
|              | 18       |                                     |  |          |          |          |  |  |  |          |   |              | 68       |              |          |               | Ι  |          |   |          |           |   |       | 118        |          |                 |               | _         |          |          |                 |               |                 |
|              | 19       |                                     |  |          |          |          |  |  |  |          |   |              | 69       |              |          |               |  |          |   |          | _         |   |       | 119        |          |                 |               | _         | _        |          |                 |               |                 |
|              | 20       |                                     |  |          |          |          |  |  | L  |          |   |              | 70       |              |          | $\perp$       | 1  | ┖        |   |          | _         |   |       | 120        |          | _               |               | _         | _        |          | _               |               |                 |
|              | 21       |                                     |  | L        |          |          |  |  |  |          |   |              | 71       |              |          |               |  | _        | Ш                                       |          | _         |   |       | 121        |          |                 |               | _         |          |          | _               |               |                 |
|              | 22       |                                     |  |          |          |          | <u>L</u>   | _  |  |          |   |              | 72       |              | _        | 4.            | $\perp$  |          | $\sqcup$                                |          | _         |   |       | 122        |          | _               | _             |           |          | _        | $\dashv$        |               | $\dashv$        |
|              | 23       | _                                   |  |          |          |          | <u> </u>   | <u> </u>   | _  | _        |   | ļ            | 73       |              | _ .      | _             | _  | -        |   |          | 4         |   |       | 123        |          | _               |               | _         | _        |          |                 | $\dashv$      | $\dashv$        |
| Ľ.           | 24       | L_                                  |  |          |          | <u> </u> | 上  | <u> </u>   | <u> </u>   | _        |   |              | 74       |              |          | _             | -  | +        | $\vdash$                                | -        | 4         | 1 |       | 124        | _        |                 | $\dashv$      | -         | _        | $\dashv$ | $\dashv$        |               |                 |
|              | 25       |                                     | <u></u>  | _        | _        | <u> </u> | <u> </u>   | <u> </u>   |  | <u> </u> |   |              | 75_      | -            | 4        |               | -  | +        | $\vdash$                                | -        | -         |   |       | 125        | $\vdash$ | $\dashv$        | <del></del> - |           | $\dashv$ | $\dashv$ |                 | $\dashv$      | -               |
|              | 26       | _                                   |  | <u> </u> | <u> </u> |          | ┡  |  | <u> </u>   | <u> </u> | 1 |              | 76       |              | -        | -             | +  | ┼-       | -                                       |          | -         | 1 |       | 126<br>127 | $\vdash$ | $\dashv$        |               | _         |          |          | $\dashv$        | $\dashv$      |                 |
| -            | 27       | <u> </u>                            | _  | ⊢        |          | <u> </u> | _  | <u> </u>   |  |          |   | <u> </u>     | 77       | $\vdash$     |          | +             | +  | +-       | $\vdash$                                |          | -         |   |       | 128        | Н        |                 | $\dashv$      | $\dashv$  |          | $\dashv$ | $\dashv$        | $\dashv$      |                 |
| -            | 28       | ├—                                  | <u> </u>   |          | -        | <u> </u> | ┢  | -  | -  | -        | - |              | 78       | -            | +        | +             | +-   | +-       | $\vdash$                                |          | -         | ŀ |       | 129        |          | $\dashv$        | $\dashv$      | -         |          | _        | $\vdash$        | $\dashv$      | $\dashv$        |
| -            | 29       | -                                   | $\vdash$   |          | <u> </u> | $\vdash$ | ⊢  |  |  | $\vdash$ |   |              | 79<br>80 | -            | +        | +             | +-   | +        | +                                       | +        | -         | H |       | 130        |          | -+              | $\dashv$      |           | $\dashv$ | $\dashv$ |                 | -             | $\dashv$        |
|              | 30<br>31 | ├                                   | ├—   |          | $\vdash$ | ├-       | <b>├</b>   | <u> </u>   | $\vdash$   | ├        |   |              | 81       | $\vdash$     | $\dashv$ | +             | +  | ┿        | +                                       | $\dashv$ | - !!      |   |       | 131        | $\vdash$ |                 | $\dashv$      | $\dashv$  | _        | -        |                 | $\dashv$      |                 |
| $\vdash$     | 32       | ├                                   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   |          | 1 |              | 82       | ┯            | -+       | +             | +  | +        | $\vdash \vdash$                         | $\dashv$ | $\exists$ |   |       | 132        | $\vdash$ | $\dashv$        | $\dashv$      | ᅥ         | $\dashv$ | =        |                 |               |                 |
| $\vdash$     | 33       | ╁                                   | $\vdash$   | $\vdash$ | -        | $\vdash$ | $\vdash$   | -  | $\vdash$   | $\vdash$ | l | <del> </del> | 83       |              | $\dashv$ | $\dashv$      |  | +        | $\vdash$                                | -        | $\dashv$  |   |       | 133        |          | $\dashv$        |               | -         | $\dashv$ |          | $\sqcap$        | $\neg$        | $\dashv$        |
|              | 34       | $\vdash$                            |  | $\vdash$ | $\vdash$ |          | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$ |   |              | 84       | $\vdash$     | 寸        | +             | +  | +        | 1-1                                     |          | $\dashv$  |   |       | 134        | H        |                 | $\dashv$      | $\exists$ |          | _        | 一               |               | $\Box$          |
| <del> </del> | 35       | <del> </del>                        | <del>                                     </del> | Т        | $\vdash$ | 1        |  | <del>                                     </del> | <del>                                     </del> | T        | 1 |              | 85       | $\vdash$     |          | t             | $\top$   | 1        | $\Box$                                  |          | 1         |   |       | 135        |          | $\Box$          |               |           |          |          | $\sqcap$        |               |                 |
| <u> </u>     | 36       |                                     | 一  | <u> </u> | t        |          | t  | H  | T  | ✝        | 1 |              | 86       | П            | $\dashv$ | $\neg \vdash$ |  | 1        |   | 一        | 7         |   |       | 136        |          |                 |               |           |          |          |                 |               |                 |
|              | 37       | Т                                   | Г  | t        | †        | T        |  | <b> </b>   |  |          | 1 |              | 87       | $\Box$       |          |               | ┰  | T        | $\Box$                                  |          | 7         |   |       | 137        |          |                 |               |           |          |          |                 |               |                 |
|              | 38       | †                                   |  | T        | T        |          |  | T  | Г  | Т        | 1 |              | 88       | $I^{-I}$     | _        |               |  | t        |   | $\Box$   | 7         |   |       | 138        |          |                 |               |           |          |          |                 |               |                 |
|              | 39       |                                     | Ι  |          | Γ        | T-       |  |  | Г  |          | 1 |              | 89       | П            | _1       |               |  | Π        |   |          |           |   |       | 139        |          |                 |               |           |          |          |                 |               |                 |
|              | 40       | Π                                   |  |          | Γ        |          | ļ  |  |  |          | ] |              | 90       |              |          |               | I  | Ι        |   |          |           |   |       | 140        |          |                 |               |           |          |          |                 |               |                 |
|              | 41       | 1                                   |  | Γ        |          | 1.       | Ī  |  |  |          | ] |              | 91       |              |          | 1             | $\mathbb{I}$   |          |   |          |           |   |       | 141        |          |                 |               |           |          |          |                 |               |                 |
|              | 42       |                                     | $\Box$   | L        |          |          |  |  |  |          | ] |              | 92       | $\Box$       | $\Box$   |               | $\Box$   |          | Ш                                       |          |           |   |       | 142        | Ш        | Ŀ               |               |           |          |          | Ш               | <u></u>       | Ш               |
|              | 43       |                                     |  | $\Box$   |          |          |  |  | $\Box$   | $\Box$   | ] |              | 93       | Ш            | [        |               | $\perp$  | $\perp$  | $\perp \perp$                           |          | _         |   |       | 143        |          | Ш               |               | _         |          |          | $\square$       | $\sqsubseteq$ | Щ               |
|              | 44       | $\Box$                              |  | L        |          |          | <u></u>  | L  | L  |          | 1 |              | 94       | $\sqcup$     | $\perp$  | $\perp$       | 4  | $\perp$  | Ш                                       | _        | _         |   |       | 144        | $\sqcup$ |                 |               |           |          |          | Ш               | <u> </u>      | $\square$       |
|              | 45       |                                     |  | Ĺ        |          | <u> </u> |  |  | <u>L</u>   | _        | 1 | L            | 95       | $\sqcup$     |          | $\perp$       | $\perp$  | 1        | $\sqcup$                                | $\perp$  | 4         |   |       | 145        |          |                 | _             |           |          |          | Ш               | ш             | Щ               |
|              | 46       | _                                   | <u> </u>   | ┖        | _        | 1        | <u> </u>   | <u> </u>   | L  | 1        | 1 |              | 96       | $\sqcup$     | _        |               | 4-   | - -      | $\sqcup$                                | $\perp$  | 4         |   |       | 146        |          |                 |               |           |          |          | $\vdash \vdash$ | $\vdash$      | $\sqcup$        |
|              | 47       | _                                   | ļ  | 1_       | <u> </u> | 1        | 1  | 1  | <u> </u>   | $\vdash$ | 1 | <u> </u>     | 97       | $\sqcup$     | _        | _             | $\bot$   | $\perp$  | -                                       |          | 4         |   |       | 147        |          | $\vdash$        | _             |           | -        | _        |                 | -             | Н               |
|              | 48       | 1                                   |  | <u> </u> | <u> </u> | 1        | ــــ   | 1  | _  | <u> </u> |   | <u> </u>     | 98       | $\sqcup$     |          | -+            | +  | +        | +                                       |          | 4         |   |       | 148        | -        |                 | 4             |           |          | _        | $\vdash$        | $\vdash$      | $\vdash\vdash$  |
| <u> </u>     | 49       | ـــ                                 | <del> </del>                                     | 1        | -        | ₽-       | 1  | $\vdash$   | -  | $\vdash$ | 1 | <u> </u>     | 99       |              | $\dashv$ |               | +  | +        |   |          | 4         |   |       | 149        |          | $\vdash \vdash$ | -             |           | $\vdash$ |          |                 | $\vdash$      | $\vdash \vdash$ |
| L            | 50       | 1                                   | L.,  | Щ        |          |          | <u>L</u>   | 1_   | ட  |          | J | <u> </u>     | 100      | Ш            |          |               |  |          | لــــــــــــــــــــــــــــــــــــــ |          |           |   | L     | 150        | اا       | ш               |               |           |          |          | ш               | Щ             | Ш               |